

Amendments to the Specification

Please replace the numbered paragraph [0046], with the following rewritten paragraph:

FIG. 5 illustrates a table of exemplary processing conditions and tuning time for the matching network in accordance with another embodiment of the invention. The table shows the results for a top electrode tuning time (Top t) and for a system tuning time (Sys t). The data shows that the matching network is able to tune from its initial value to an operating value in less than three seconds in nearly all of the tests. Accordingly, in one embodiment of the invention, the first matching network can be tuned from the initial condition to the operating condition in less than 4 seconds. Tests were performed at low pressure (10 mTorr), medium pressure (30 mTorr), and high pressure (200 mTorr) using TRF signal powers from 500 watts to 4200 watts and BRF signal powers from 0 watts to 4500 watts.

Please replace the numbered paragraph [0040], with the following rewritten paragraph:

In another embodiment of the present invention, the plasma ignition process can be performed again, when a plasma is not ignited. For example, the ignition process can be performed a number of times before a non-fault condition is established.

Please replace the numbered paragraph [0044], with the following rewritten paragraph:

In another embodiment of the present invention, the plasma ignition process can be performed again, when a plasma is not ignited. For example, the ignition process can be performed a number of times before a non-fault condition is established.